

FILLING AGENT FOR GEL CHROMATOGRAPHY

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Inventor(s): SUZUKI TERUKAZU; NAKAZATO KENICHI; TAKASAKI TETSUSHI
Applicant(s): SUZUKI TERUKAZU
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Abstract of JP 56040758 (A)

PURPOSE:To increase the diameter of gel hole, increase the solubility and to make it for chromatography, by replacing a part of acrylamide into acrylnitril. **CONSTITUTION:**The chromatography filling agent is constituted with the gel obtained through the polymerization of acrylamide or methacrylamide in aqueous medium under the presence of the cross-linked agent having at least two polymerizable ethylene radicals and the acrylnitril. As the cross-linked agent having at least two polymerizable ethylene radicals, methylenebisacrylamide, methylenebismethacrylamide, polymethylene bisacrylamide, polymethylenebismethacrylamide, hexahydro-1, 3, 5, -triacyl-S-triazine, diacrylamidemethylether, dimethacrylamidedimethylether, diacrylamidemethylethyleneurea, and dimethacrylamidemethylethyleneurea can be listed up.

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